

Peak District National Park

Forecast valid from 00:00 on Tuesday 10 Aug 2021 until 23:59 on Wednesday 11 Aug 2021

Forecast Issued on Monday 09 Aug 2021 at 16:41

Confidence: Good confidence for a mostly dry day Tuesday, and a bright start Wednesday. Confidence falls regarding the extent and timing of thicker cloud later Wednesday, along with any rain overnight into Thursday. Moderate confidence for mostly fine conditions to follow, but confidence soon falling to very low for any details beyond Friday.

Headline for Tuesday 10 Aug 2021: Fine, with sunny spells and just the odd shower possible.

Mountain weather hazards on Tuesday 10 Aug 2021

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Cloudy	Dull	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Sunny	Clear night
Precipitation probability							
20%	10%	<05%	<05%	10%	10%	<05%	<05%

Forecast for Tuesday 10 Aug 2021

Weather: Rather cloudy overnight with a few clear spells but also the odd shower possible. Sunny spells developing through the day, with most routes dry. The outside chance of a further shower, mainly in the east.

Chance of cloud free mountain/hill tops above 600m: 70% at first, improving to near 100% by midday

Visibility: Poor views at first from some western tops, with cloud obscuring some hills above 600m. This soon lifting through the morning to give a day of good to very good views, with any reductions from showers moving through quickly.

Forecast for Tuesday 10 Aug 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/18 SW	14/19 SW	15/20 SW	15/20 W	16/23 W	18/25 W	15/21 W	10/15 W	8/12 SW
300	9/16 SW	9/16 SW	10/16 SW	11/16 W	12/19 W	14/21 W	11/17 W	5/9 W	5/7 SW
Valley	5/14 SW	6/14 SW	6/14 SW	8/15 W	9/19 W	11/21 W	9/17 W	4/9 W	3/6 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	10/7	11/8	12/9	13/10	14/10	13/10	11/8	10/8
300	12/11	12/10	12/11	14/12	16/14	16/14	16/14	13/12	12/12
Valley	13/12	13/12	13/12	15/14	16/15	18/15	16/15	13/13	12/12
Freezing Level*	2300m	2400m	2400m	2400m	2300m	2200m	2200m	2100m	2100m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Once any early morning showers clear, most routes are going to see a dry and generally fine day for activities on the hills. Despite this, the odd shower could catch people out, so waterproof layers should be kept available. Sunshine will also be strong when it breaks through the clouds, so appropriate protection recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 09 Aug 2021	1.4mm	23.2mm	29.2mm

Forecast for Wednesday 11 Aug 2021

Weather: Clear skies and light winds could allow the odd patch of mist to develop in prone valleys. This soon lifting to give a fine morning with plenty of hazy sunshine, although cloud will soon thicken from the west. A rather cloudy afternoon follows, but mostly dry. Some rain or drizzle perhaps moving in by midnight.

Maximum wind: Southerly 15-20mph gusting 25mph.

Chance of cloud free mountain/hill tops above 600m: Near 100% at first, but falling to 60% during the afternoon.

Visibility: Good views at first from most tops, once early valley mist lifts. Visibility falling to moderate as cloud thickens, especially during the afternoon, with areas of cloud obscuring tops above 500m, especially in the west by the evening.

Temperature: **Valleys:** Plus 11 Celsius becoming Plus 20 Celsius
At 600m: Plus 10 Celsius becoming Plus 15 Celsius.
Freezing level: Above the summits.